



DOWN20RGB | DOWN30RGB

20W | 30W RGB 3-in-1 LED Downlight

USER MANUAL



For safety, please read this user manual carefully before initial use.

Event Lighting reserves the right to revise the manual at any time. Information and specifications within this manual are subject to change without notice. Event Lighting assumes no liability or responsibility for any errors or omissions. Please consult Event Lighting for any clarification or information regarding this item.

Version: 1.0 (15/05/2025)

Safety Instructions

WARNING

- Do not connect this product directly to 240V AC mains power.
- Use only a 24V DC constant voltage power supply.

CAUTION

- Avoid installation near strong magnetic fields or high-voltage cables.
- Do not operate if the housing, cables, or connections are damaged.
- Only connect to a compatible controller designed for Downlight use.
- If malfunctions occur, stop use immediately and inspect for damage.

Power Supply Requirements

- Use only a 24V DC power supply for safe and efficient operation.
- Recommended power supply:
IP2PSU150 (150W)

Compatible Controllers

For optimal performance, use:

ARCW – Programmer & DMX Controller

Installation Guide

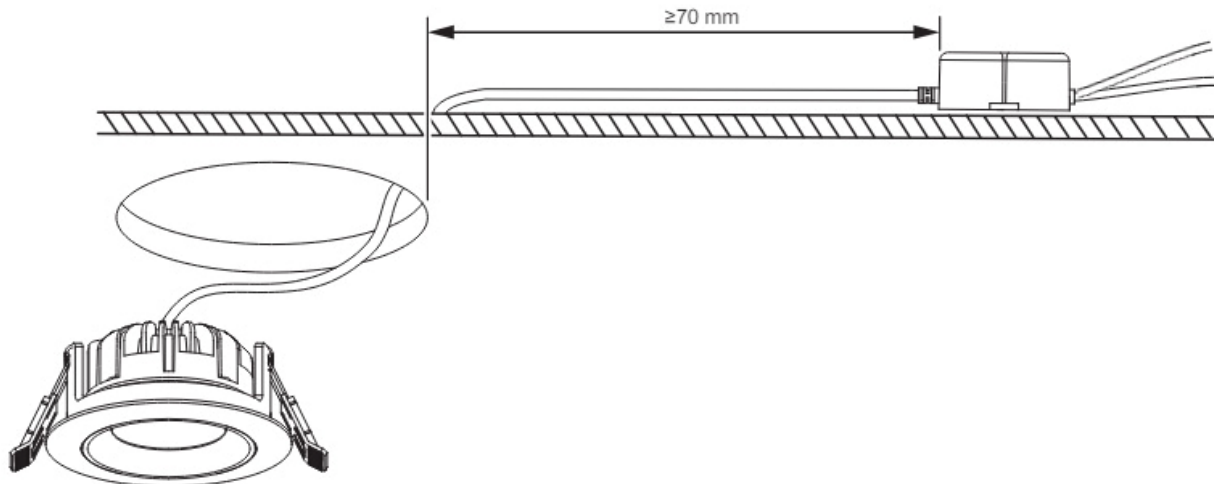
	DOWN20RGB	DOWN30RGB
Mounting hole diameter	Ø95 mm	Ø120mm

1. Cutting the Mounting Hole

- Mark a circle on the ceiling where the Downlight will be installed according to the above table:
Ø95mm for DOWN20RGB
Ø120mm for DOWN30RGB
- Precisely cut the hole using the marked guidelines.

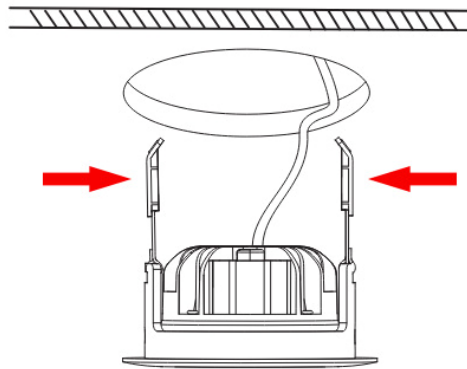
2. Connecting Cables

- Insert the Downlight's pre-attached cables through the hole into the ceiling cavity.
- Connect them securely to the plugs from:
 - **IP2PSU150** power supply
 - **ARCW** Programmer/Controller
- Place the DMX driver above the ceiling through the mounting hole (Recommended distance from the Downlight >70mm)

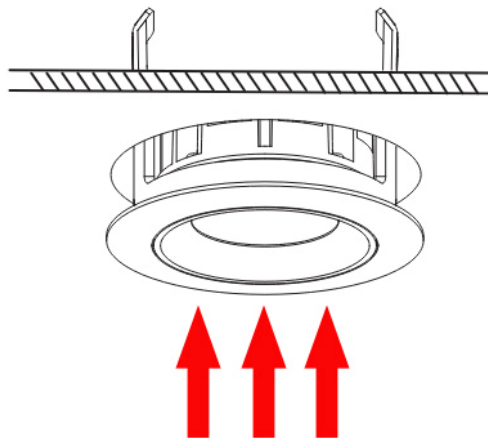


3. Mounting the Downlight

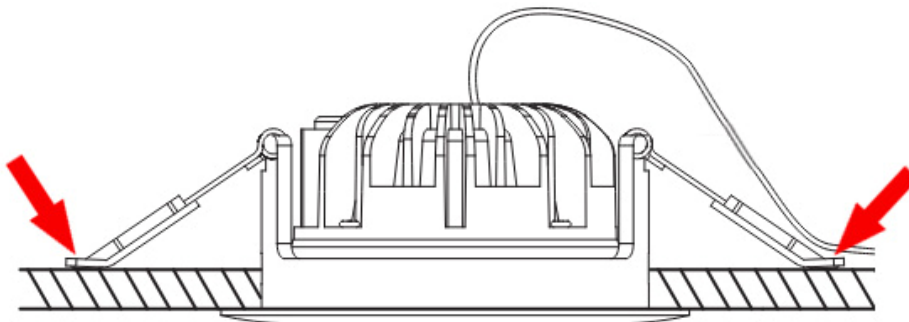
- Bend back the two spring clips on the Downlight.



- Gently push the unit into the hole, allowing the clips to lock onto the ceiling.

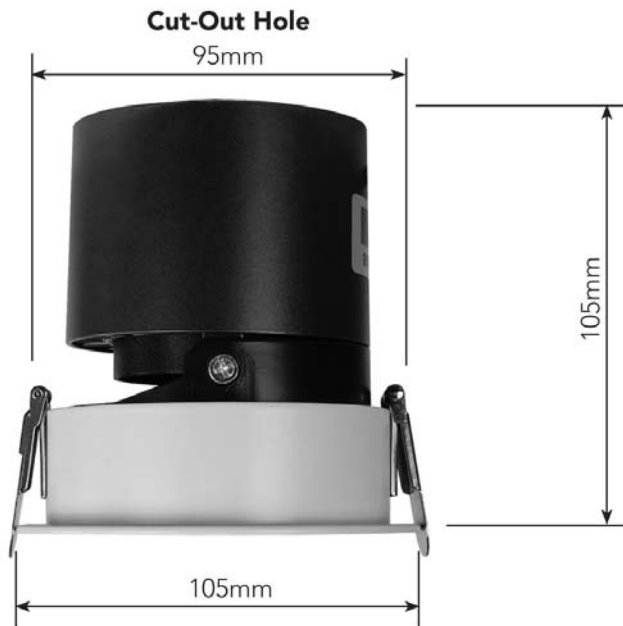


- Ensure a snug fit—the springs should hold the light firmly in place.

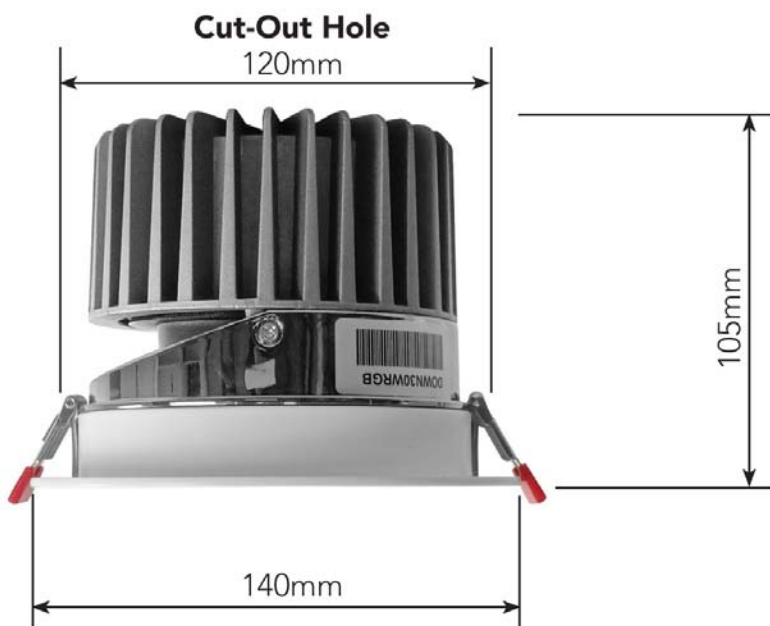


Dimensions:

DOWN20RGB



DOWN30RGB



Technical Specifications

	DOWN20RGB	DOWN30RGB
Light source:	1 x 20W RGB 3-in-1 LED	1 x 30W RGB 3-in-1 LED
Beam Angle:	24°	
LED Lifespan:	50,000 hours	
Effects:	RGB Dimming: Yes	
Control:	Protocol: DMX512	
Channels: 3	3	
Power:		
Input Voltage:	DC24V	
Power Consumption:	20W	30W
Working Current:	0.83A	1.25A
Housing:		
Tilt Angle:	20°	
Cable length:	1m in/out	
IP rate:	IP44	
Diameter:	Ø105mm	Ø140mm
Cut-out hole diameter:	Ø95mm	Ø120mm
Height:	105mm	105mm
Weight:	0.5Kg	0.7Kg

Optional Accessories:

[ARCW](#) - Programmer and Controller

[IP2DMX](#) - DMX Adaptor

[IP2T](#) - T cable

[IP2EXT](#) - Extension cable

[IP2PSU150](#) - Power supply

Warranty

Please refer to your local dealer or contact [Event Lighting Pty Ltd](#)